

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS

Claims 1-9 (canceled)

10. (currently amended) In an apparatus having a chamber for decontaminating articles by exposing said articles to vaporized hydrogen peroxide (VHP), a system for visually verifying a minimum concentration of vaporized hydrogen peroxide (VHP) in said chamber, said system comprising:

an indicator that changes color when exposed to vaporized hydrogen peroxide (VHP), said indicator having a specific reaction rate based upon a concentration of vaporized hydrogen peroxide (VHP) exposed thereto, wherein said indicator includes a plurality of indicator panels, each indicator panel having a respective chemistry that causes each indicator panel to change color after a different exposure time to said minimum concentration of vaporized hydrogen peroxide.

11. (currently amended) A system according to claim 10, wherein [[web]]said indicator includes a chemistry that changes color when exposed to vaporized hydrogen peroxide.

12. (original) A system according to claim 11, wherein said chemistry includes an iodide ion (I^-), a thiosulfate ($S_2O_3^{2-}$) ion and starch.

13. (original) A system according to claim 11, wherein said chemistry is coated onto a media.

14. (original) A system according to claim 13, wherein said media is selected from the group consisting of: paper and a polymer.

15. (original) A system according to claim 10, wherein said color change is produced by an accumulation of triiodide ions (I_3^-).

16. (original) A system according to claim 10, wherein said minimum concentration of the vaporized hydrogen peroxide is at least 500 to 1500 ppm.

Claim 17 (canceled)

18. (currently amended) A system according to ~~claim 17~~claim 10, wherein said indicator has N indicator panels, each of said N indicator panels having a respective chemistry that causes a color change after an exposure time of N Δt minutes.

Claims 19-27 (canceled)

28. (currently amended) In an apparatus having a chamber for decontaminating articles by exposing said articles to vaporized hydrogen peroxide (VHP), a ~~system~~method for visually

verifying a minimum concentration of vaporized hydrogen peroxide (VHP) in said chamber, said ~~system~~method comprising:

introducing vaporized hydrogen peroxide into said chamber; and

exposing an indicator to a concentration of vaporized hydrogen peroxide, said indicator changing color when exposed to vaporized hydrogen peroxide (VHP), ~~wherein said indicator has~~ and having a specific reaction rate based upon the concentration of vaporized hydrogen peroxide (VHP) exposed thereto, wherein said indicator includes a plurality of indicator panels, each indicator panel having a respective chemistry that causes each indicator panel to change color after a different exposure time to said minimum concentration of vaporized hydrogen peroxide.

29. (currently amended) A method according to claim 28, wherein ~~[[web]]~~said indicator includes a chemistry that changes color when exposed to vaporized hydrogen peroxide.

30. (original) A method according to claim 29, wherein said chemistry includes an iodide ion (I^-), a thiosulfate ($S_2O_3^{2-}$) ion and starch.

31. (original) A method according to claim 29, wherein said chemistry is coated onto a media.

32. (original) A method according to claim 31, wherein said media is selected from the group consisting of: paper and a polymer.

33. (original) A method according to claim 28, wherein said color change is produced by an accumulation of triiodide ions (I_3^-).

34. (original) A method according to claim 28, wherein said minimum concentration of the vaporized hydrogen peroxide is at least 500 to 1500 ppm.

Claim 35 (canceled)

36. (currently amended) A method according to ~~claim 35~~claim 28, wherein said indicator has N indicator panels, each of said N indicator panels having a respective chemistry that causes a color change after an exposure time of N Δt minutes.